

## Datasheet for ABIN635713 **anti-NDST4 antibody**



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	NDST4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDST4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	NDST4 antibody was raised using a synthetic peptide corresponding to a region with amino acids EDWTIFQYNHSTYQPVLLTELQTEKSLSSLSSKTLFATVIQDLGLHDIQ
Purification:	Affinity purified

#### Target Details

Target:	NDST4
Alternative Name:	NDST4 ( <a href="#">NDST4 Products</a> )
Background:	NDST4 is an essential bifunctional enzyme that catalyzes both the N-deacetylation and the N-sulfation of glucosamine (GlcNAc) of the glycosaminoglycan in heparan sulfate. It modifies the GlcNAc-GlcA disaccharide repeating sugar backbone to make N-sulfated heparosan, a prerequisite substrate for later modifications in heparin biosynthesis. NDST4 has low deacetylase activity but high sulfotransferase activity.

## Target Details

Molecular Weight: 101 kDa (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: NDST4 Blocking Peptide, catalog no. 33R-2334, is also available for use as a blocking control in assays to test for specificity of this NDST4 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NDST4 antibody in PBS

Concentration: Lot specific

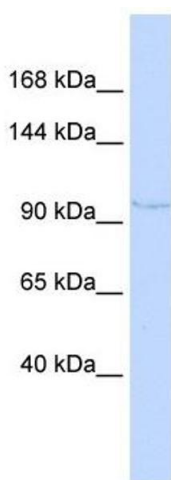
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** NDST4 antibody used at 1 µg/ml to detect target protein.